

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: KUMAGAI, et al.
Serial No.: Not yet assigned
Filed: July 24, 2003
For: SEMICONDUCTOR DEVICE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

July 24, 2003

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted with the new application.

Although some of the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by the discussion of the documents in the specification, for example, on pages one (1), four (4), nine (9), twenty-two (22) and twenty-three (23).

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (Case: 501.42841X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS LLP



Melvin Kraus
Registration No. 22,466

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.42841X00	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT KUMAGAI, et al.	
		FILING DATE July 24, 2003	GROUP

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract	
						Yes	No
	AM	11-340337 ✓	12/10/1999	JP	H01L 21/8238	X	
	AN	6-232170 ✓	08/19/1994	JP	H01L 21/338	X	
	AO	60-52052 ✓	03/23/1985	JP	H01L 27/08	X	
	AP	7-321222 ✓	12/08/1995	JP	H01L 21/8238	X	
	AQ	10-92947 ✓	04/10/1998	JP	H01L 21/8234	X	
	AR	2000-243854 ✓	09/08/2000	JP	H01L 21/8238	X	
	AS	2000-150699 ✓	05/30/2000	JP	H01L 23/12	X	
	AT	2000-36605 ✓	02/02/2000	JP	H01L 29/786	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	SAYAMA, et al., "Oyo Butsuri", Applied Physics, Vol. 69, No. 9, Pgs. 1099-1102, 2000, with English language translation
	AV	HAMADA, et al., "A New Aspect of Mechanical Stress Effects in Scaled MOS Devices", IEEE Transactions Electron Devices, Vol. 38, No. 4, Pgs. 895-900, 1991
	AW	
	AX	
	AY	
	AZ	
Examiner		Date Considered

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.42841X00	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT KUMAGAI, et al.	
		FILING DATE July 24, 2003	GROUP

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract	
						Yes	No
	AM	2000-36567	02/02/2000	JP	H01L	27/08	X
	AN	2001-24468	01/26/2001	JP	H03H	9/19	X
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	
Examiner		Date Considered